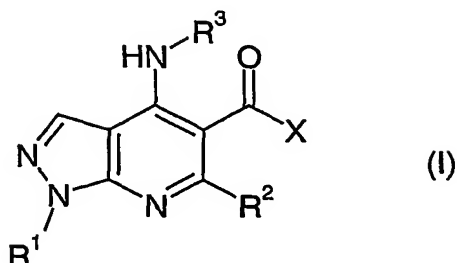


CLAIMS

1. A compound of formula (I) or a salt thereof:

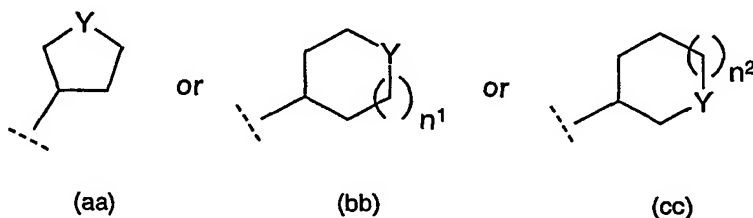


wherein:

R^1 is C_{1-4} alkyl, C_{1-3} fluoroalkyl, $-CH_2CH_2OH$ or $-CH_2CH_2CO_2C_{1-2}$ alkyl;

R^2 is a hydrogen atom (H), methyl or C_1 fluoroalkyl;

R^3 is optionally substituted C_{3-8} cycloalkyl or optionally substituted mono-unsaturated- C_{5-7} cycloalkenyl or an optionally substituted heterocyclic group of sub-formula (aa), (bb) or (cc);

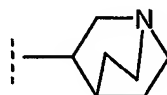


in which n^1 and n^2 independently are 1 or 2; and in which Y is O, S, SO_2 , or NR^{10} ; where R^{10} is a hydrogen atom (H), C_{1-4} alkyl, C_{1-2} fluoroalkyl, $CH_2C(O)NH_2$, $C(O)NH_2$, $C(O)-C_{1-2}$ alkyl, $C(O)-C_1$ fluoroalkyl or $-C(O)-CH_2O-C_{1-2}$ alkyl;

and wherein in R^3 the C_{3-8} cycloalkyl or the heterocyclic group of sub-formula (aa), (bb) or (cc) is optionally substituted with one or two substituents independently being oxo ($=O$); OH; C_{1-2} alkoxy; C_{1-2} fluoroalkoxy; NHR^{21} wherein R^{21} is a hydrogen atom (H) or C_{1-5} straight-chain alkyl; C_{1-2} alkyl; C_{1-2} fluoroalkyl; $-CH_2OH$; $-CH_2CH_2OH$; $-CH_2NHR^{22}$ wherein R^{22} is H or C_{1-2} alkyl; $-C(O)OR^{23}$ wherein R^{23} is H or C_{1-2} alkyl; $-C(O)NHR^{24}$ wherein R^{24} is H or C_{1-2} alkyl; $-C(O)R^{25}$ wherein R^{25} is C_{1-2} alkyl; fluoro; hydroxyimino ($=N-OH$); or $(C_{1-4}alkoxy)imino$ ($=N-OR^{26}$ where R^{26} is C_{1-4} alkyl); and wherein any OH, alkoxy, fluoroalkoxy or

NHR²¹ substituent is not substituted at the R³ ring carbon attached (bonded) to the -NH- group of formula (I) and is not substituted at either R³ ring carbon bonded to the Y group of the heterocyclic group (aa), (bb) or (cc);

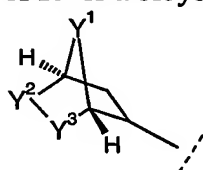
and wherein, when R³ is optionally substituted mono-unsaturated-C₅₋₇cycloalkenyl, then the cycloalkenyl is optionally substituted with one or two substituents being fluoro or C₁₋₂alkyl provided that if there are two substituents then they are not both C₂alkyl, and the R³ ring carbon bonded to the -NH- group of formula (I) does not partake in the cycloalkenyl double bond;



or R³ is a bicyclic group of sub-formula (dd):

(dd)

or of sub-formula (ee):



(ee)

wherein Y¹, Y² and Y³ independently are CH₂ or oxygen (O) provided that no more than one of Y¹, Y² and Y³ is oxygen (O);

and X is NR⁴R⁵ or OR^{5a}, in which:

R⁴ is a hydrogen atom (H); C₁₋₆alkyl; C₁₋₃fluoroalkyl; or C₂₋₆alkyl substituted by one substituent R¹¹; and

R⁵ is a hydrogen atom (H); C₁₋₈alkyl; C₁₋₈ fluoroalkyl; C₃₋₈cycloalkyl optionally substituted by a C₁₋₂alkyl group; or -(CH₂)_n⁴-C₃₋₈cycloalkyl optionally substituted, in the -(CH₂)_n⁴- moiety or in the C₃₋₈cycloalkyl moiety, by a C₁₋₂alkyl group, wherein n⁴ is 1, 2 or 3;

or R⁵ is C₂₋₆alkyl substituted by one or two independent substituents R¹¹;

wherein each substituent R¹¹, independently of any other R¹¹ substituent present, is: hydroxy (OH); C₁₋₆alkoxy; phenoxy; benzyloxy; -NR¹²R¹³; -NR¹⁵-C(O)R¹⁶; -NR¹⁵-C(O)-O-R¹⁶; -NR¹⁵-C(O)-NH-R¹⁵; or -NR¹⁵-SO₂R¹⁶; and wherein any

R¹¹ substituent which is OH, alkoxy or -NR¹²R¹³ is not substituted at any carbon atom, of any R⁴ or R⁵ substituted alkyl, which is bonded to the nitrogen of NR⁴R⁵;

or R⁵ is -(CH₂)_n¹¹-C(O)R¹⁶; -(CH₂)_n¹²-C(O)NR¹²R¹³; -CHR¹⁹-C(O)NR¹²R¹³; -(CH₂)_n¹²-C(O)OR¹⁶; -(CH₂)_n¹²-C(O)OH; -CHR¹⁹-C(O)OR¹⁶; -CHR¹⁹-C(O)OH; -(CH₂)_n¹²-SO₂-NR¹²R¹³; -(CH₂)_n¹²-SO₂R¹⁶; or -(CH₂)_n¹²-CN; wherein n¹¹ is 0, 1, 2, 3 or 4 and n¹² is 1, 2, 3 or 4;

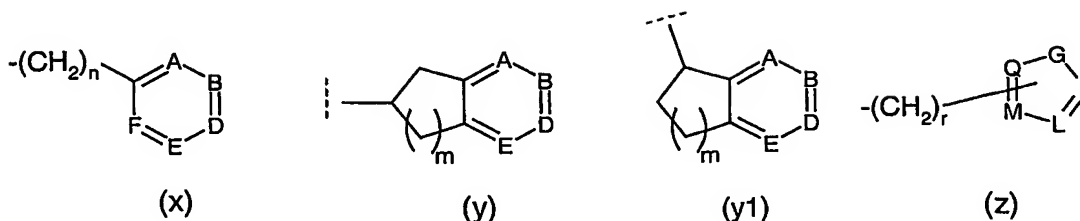
or R⁵ is -(CH₂)_n¹³-Het wherein n¹³ is 0, 1, 2, 3 or 4 and Het is a 4-, 5-, 6- or 7-membered saturated or partly-saturated heterocyclic ring containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-hetero-atoms present are not bound to the -(CH₂)_n¹³- moiety when n¹³ is 1 and are not bound to the nitrogen of NR⁴R⁵ when n¹³ is 0; wherein any ring-nitrogens which are present and which are not unsaturated (i.e. which do not partake in a double bond) are present as NR¹⁷ where R¹⁷ is as defined herein; and wherein one or two of the carbon ring-atoms independently are optionally substituted by C₁₋₂alkyl;

or R⁵ is phenyl optionally substituted with, independently, one, two or three of: a halogen atom; C₁₋₆alkyl; C₁₋₂fluoroalkyl; C₁₋₄alkoxy; C₁₋₂fluoroalkoxy; C₃₋₆cycloalkyloxy; -C(O)R^{16a}; -C(O)OR³⁰; -S(O)₂-R^{16a}; R^{16a}-S(O)₂-NR^{15a}; R⁷R⁸N-S(O)₂-; C₁₋₂alkyl-C(O)-R^{15a}N-S(O)₂-; C₁₋₄alkyl-S(O)-; Ph-S(O)-; R⁷R⁸N-CO-; -NR¹⁵-C(O)R¹⁶; R⁷R⁸N; OH; C₁₋₄alkoxymethyl; C₁₋₄alkoxyethyl; C₁₋₂alkyl-S(O)₂-CH₂-; R⁷R⁸N-S(O)₂-CH₂-; C₁₋₂alkyl-S(O)₂-NR^{15a}-CH₂-; -CH₂-OH; -CH₂CH₂-OH; -CH₂-NR⁷R⁸; -CH₂-CH₂-NR⁷R⁸; -CH₂-C(O)OR³⁰; -CH₂-C(O)-NR⁷R⁸; -CH₂-NR^{15a}-C(O)-C₁₋₃alkyl; -(CH₂)_n¹⁴-Het¹ where n¹⁴ is 0 or 1; cyano (CN); Ar^{5a}; or phenyl, pyridinyl or pyrimidinyl wherein the phenyl, pyridinyl or pyrimidinyl independently are optionally substituted by one or two of fluoro, chloro, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

or where two adjacent substituents, on the R⁵ optionally substituted phenyl, taken together are -O-(CMe₂)-O- or -O-(CH₂)_n¹⁴-O- where n¹⁴ is 1 or 2;

wherein R⁷ and R⁸ are independently a hydrogen atom (H); C₁₋₄alkyl; C₃₋₆cycloalkyl; or phenyl optionally substituted by one or two of: fluoro, chloro, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy; or R⁷ and R⁸ together are -(CH₂)_n⁶- or -C(O)-(CH₂)_n⁷- or -C(O)-(CH₂)_n⁷-C(O)- or -(CH₂)_n⁸-X⁷-(CH₂)_n⁹- or -C(O)-X⁷-(CH₂)_n¹⁰- in which: n⁶ is 3, 4, 5 or 6, n⁷ is 2, 3, 4, or 5, n⁸ and n⁹ and n¹⁰ independently are 2 or 3, and X⁷ is O or NR¹⁴ wherein R¹⁴ is H, C₁₋₂alkyl or C(O)Me;

or R⁵ has the sub-formula (x), (y), (y1) or (z):



wherein in sub-formula (x), $n = 0, 1$ or 2 ; in sub-formula (y) and (y1), $m = 1$ or 2 ; and in sub-formula (z), $r = 0, 1$ or 2 ;

wherein in sub-formula (x) and (y) and (y1), none, one or two of A, B, D, E and F are independently nitrogen or nitrogen-oxide (N^+-O^-) provided that no more than one of A, B, D, E and F is nitrogen-oxide; and the remaining of A, B, D, E and F are independently CH or CR⁶;

provided that when n is 0 in sub-formula (x) then one or two of A, B, D, E and F are independently nitrogen or nitrogen-oxide (N^+-O^-) and no more than one of A, B, D, E and F is nitrogen-oxide;

wherein, each R⁶, independently of any other R⁶ present, is: a halogen atom; C₁₋₆alkyl; C₁₋₄fluoroalkyl; C₁₋₄alkoxy; C₁₋₂fluoroalkoxy; C₃₋₆cycloalkyloxy; -C(O)R^{16a}; -C(O)OR³⁰; -S(O)₂-R^{16a}; R^{16a}-S(O)₂-NR^{15a}; R⁷R⁸N-S(O)₂-; C₁₋₂alkyl-C(O)-R^{15a}N-S(O)₂-; C₁₋₄alkyl-S(O)-; Ph-S(O)-; R⁷R⁸N-CO-; -NR¹⁵-C(O)R¹⁶; R⁷R⁸N; OH; C₁₋₄alkoxymethyl; C₁₋₄alkoxyethyl; C₁₋₂alkyl-S(O)₂-CH₂-; R⁷R⁸N-S(O)₂-CH₂-; C₁₋₂alkyl-S(O)₂-NR^{15a}-CH₂-; -CH₂-OH; -CH₂CH₂-OH; -CH₂-NR⁷R⁸; -CH₂-CH₂-NR⁷R⁸; -CH₂-C(O)OR³⁰; -CH₂-C(O)-NR⁷R⁸; -CH₂-NR^{15a}-C(O)-C₁₋₃alkyl; -(CH₂)_{n¹⁴}-Het¹ where n^{14} is 0 or 1; cyano (CN); Ar^{5b}; or phenyl, pyridinyl or pyrimidinyl wherein the phenyl, pyridinyl or pyrimidinyl independently are optionally substituted by one or two of fluoro, chloro, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

or where two adjacent R⁶ taken together are -O-(CMe₂)-O- or -O-(CH₂)_{n¹⁴}-O- where n^{14} is 1 or 2;

wherein R⁷ and R⁸ are as herein defined;

wherein sub-formula (y) and (y1), independently, are optionally substituted by oxo (=O) at a ring carbon adjacent the 6-membered aromatic ring;

wherein in sub-formula (z), G is O or S or NR⁹ wherein R⁹ is a hydrogen atom (H), C₁₋₄alkyl or C₁₋₄fluoroalkyl; none, one, two or three of J, L, M and Q are nitrogen;

and the remaining of J, L, M and Q are independently CH or CR⁶ where R⁶, independently of any other R⁶ present, is as defined herein;

or R⁴ and R⁵ taken together are $-(CH_2)_{p^1}-$ or $-C(O)-(CH_2)_{p^2}-$ or $-(CH_2)_{p^3}-X^5-(CH_2)_{p^4}-$ or $-C(O)-X^5-(CH_2)_{p^5}-$, in which: $p^1 = 3, 4, 5$ or 6 , p^2 is $2, 3, 4$, or 5 , and p^3 and p^4 and p^5 independently are 2 or 3 and X^5 is O or NR¹⁷; and wherein, when R⁴ and R⁵ taken together are $-(CH_2)_{p^1}-$ or $-C(O)-(CH_2)_{p^2}-$, the NR⁴R⁵ heterocycle is optionally substituted by one R¹⁸ substituent wherein R¹⁸ is: C₁₋₄alkyl; C₁₋₂fluoroalkyl; C₃₋₆cycloalkyl; C₁₋₂alkoxy (not substituted at a ring-carbon bonded to the NR⁴R⁵ ring-nitrogen); C₁fluoroalkoxy (not substituted at a ring-carbon bonded to the NR⁴R⁵ ring-nitrogen); OH (not substituted at a ring-carbon bonded to the NR⁴R⁵ ring-nitrogen); $-(CH_2)_{p^7}-C(O)R^{16}$ wherein p^7 is $0, 1, 2$ or 3 ; $-(CH_2)_{p^7}-C(O)OR^{16}$; $-(CH_2)_{p^7}-OC(O)R^{16}$; $-(CH_2)_{p^7}-C(O)NR^{12}R^{13}$; $-(CH_2)_{p^7}-NR^{15}C(O)R^{16}$; $-(CH_2)_{p^7}-NR^{15}C(O)NR^{12}R^{13}$; $-(CH_2)_{p^7}-NR^{15}C(O)OR^{16}$; $-(CH_2)_{p^7}-SO_2R^{16}$; $-(CH_2)_{p^7}-SO_2NR^{12}R^{13}$; $-(CH_2)_{p^7}-NR^{15}SO_2R^{16}$; $-(CH_2)_{p^7}-OH$; $-(CH_2)_{p^7}-OR^{16}$; or phenyl optionally substituted by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

or R⁴ and R⁵ taken together are $-(CH_2)_{p^1}-$ or $-C(O)-(CH_2)_{p^2}-$ or $-(CH_2)_{p^3}-X^5-(CH_2)_{p^4}-$ or $-C(O)-X^5-(CH_2)_{p^5}-$ as defined herein, and wherein the NR⁴R⁵ heterocycle is fused to a phenyl ring optionally substituted on the phenyl by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy; and

R^{5a} is C₁₋₈alkyl; C₁₋₈ fluoroalkyl; C₃₋₈cycloalkyl; $-(CH_2)_n^{4a}-C_{3-6}$ cycloalkyl wherein n^{4a} is 1 or 2 ; phenyl optionally substituted with one or two of: a halogen atom, C₁₋₂alkyl, trifluoromethyl, C₁₋₂alkoxy or trifluoromethoxy; or R^{5a} has the sub-formula (x), (y), (y1) or (z) as defined herein;

and wherein:

R¹² and R¹³ independently are H; C₁₋₅alkyl; C₃₋₆cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

or R¹² and R¹³ together are -(CH₂)_n⁶- or -C(O)-(CH₂)_n⁷- or -C(O)-(CH₂)_n⁷-C(O)- or -(CH₂)_n⁸-X¹²-(CH₂)_n⁹- or -C(O)-X¹²-(CH₂)_n¹⁰- in which: n⁶ is 3, 4, 5 or 6, n⁷ is 2, 3, 4, or 5, n⁸ and n⁹ and n¹⁰ independently are 2 or 3 and X¹² is O or NR^{14a} wherein R^{14a} is H, C₁₋₂alkyl or C(O)Me;

R¹⁵ is a hydrogen atom (H); C₁₋₄alkyl; C₃₋₆cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

R^{15a}, independent of other R^{15a}, is a hydrogen atom (H) or C₁₋₄alkyl;

R¹⁶ and R^{16a} independently are:

C₁₋₆alkyl;

C₃₋₆cycloalkyl optionally substituted by one oxo (=O), OH or C₁₋₂alkyl substituent;

C₃₋₆cycloalkyl-CH₂-;

pyridinyl optionally substituted on a ring carbon atom by one of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

Ar^{5c};

phenyl optionally substituted by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

benzyl optionally substituted at an aromatic carbon atom by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy; or

a 4-, 5-, 6- or 7-membered saturated heterocyclic ring connected at a ring-carbon and containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-nitrogens which are present are present as NR²⁷ where R²⁷ is H, C₁₋₂alkyl or -C(O)Me; and wherein the ring is optionally substituted at carbon by one C₁₋₂alkyl or oxo (=O) substituent, provided that any oxo (=O) substituent is substituted at a ring-carbon atom bonded to a ring-nitrogen;

wherein Ar^{5a}, Ar^{5b} and Ar^{5c} independently is/are a 5-membered aromatic heterocyclic ring containing one O, S or NR^{15a} in the 5-membered ring, wherein the 5-membered ring can optionally additionally contain one or two N atoms, and wherein the heterocyclic ring is optionally substituted on a ring carbon atom by one of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, -CH₂OH, -CH₂-OC₁₋₂alkyl, OH (including the keto tautomer thereof) or -CH₂-NR²⁸R²⁹ wherein R²⁸ and R²⁹ independently are H or methyl;

and R¹⁷ is a hydrogen atom (H); C₁₋₄alkyl; C₁₋₂fluoroalkyl; C₃₋₆cycloalkyl; -(CH₂)_p⁶-C(O)R¹⁶ wherein p⁶ is 0, 1, 2 or 3; -(CH₂)_p⁶-C(O)NR¹²R¹³;

$-(CH_2)_p^6-C(O)OR^{16}$; $-(CH_2)_p^6-C(O)OH$; $-SO_2R^{16}$; $-C(O)-CH_2-NR^{12}R^{13}$;
 $-C(O)-CH_2-NR^{15a}-C(O)-C_{1-3}alkyl$; $-C(O)-CH_2-O-C_{1-3}alkyl$; or phenyl or benzyl
 wherein the phenyl or benzyl is optionally substituted at an aromatic carbon atom by
 one or two of: a halogen atom, $C_{1-2}alkyl$, $C_1fluoroalkyl$, $C_{1-2}alkoxy$ or
 $C_1fluoroalkoxy$;

R^{19} is $C_{1-4}alkyl$; $-(CH_2)_n^{20}-OR^{20}$ wherein n^{20} is 1, 2, 3 or 4 and R^{20} is a hydrogen
 atom (H) or $C_{1-4}alkyl$; $-CH(Me)-OH$; $-CH_2-SH$; $-CH_2-CH_2-S-Me$; benzyl; or
 (4-hydroxyphenyl)methyl (i.e. 4-hydroxy-benzyl); and

R^{30} , independent of other R^{30} , is a hydrogen atom (H), $C_{1-4}alkyl$ or $C_{3-6}cycloalkyl$;
 and

Het¹, independent of other Het¹, is a 4-, 5-, 6- or 7-membered saturated heterocyclic
 ring connected at a ring-carbon and containing one or two ring-hetero-atoms
 independently selected from O, S, and N; wherein any ring-nitrogens which are
 present are present as NR^{31} where R^{31} is H, $C_{1-2}alkyl$ or $-C(O)Me$; and wherein the
 ring is optionally substituted at carbon by one $C_{1-2}alkyl$ or oxo (=O) substituent,
 provided that any oxo (=O) substituent is substituted at a ring-carbon atom bonded to
 a ring-nitrogen;

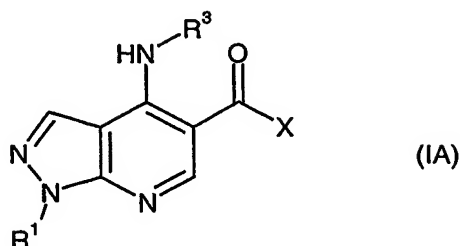
provided that:

when R^3 is the heterocyclic group of sub-formula (bb), n^1 is 1, and Y is NR^{10} , then:
 either (a) R^{10} is not $C_{1-4}alkyl$, $C_{1-2}fluoroalkyl$ or $CH_2C(O)NH_2$;

or (b) R^{10} is methyl and the compound is: 1-ethyl-N-(2-ethylbutyl)-4-[(1-
 methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide or 1-ethyl-
 N-(4-fluorophenyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-
 carboxamide;

and provided that: where X is OR^{5a} , the compound is other than the compound
 wherein R^1 is methyl, X is OEt, and R^3 is cyclopentyl.

2. A compound of formula (IA) or a salt thereof:

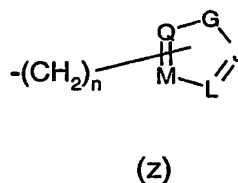
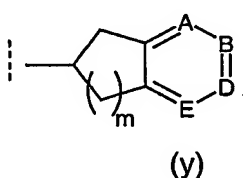
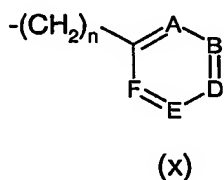


wherein:

X is NR⁴R⁵ or OR^{5a}, in which:

R⁴ is hydrogen, C₁₋₂alkyl or C₁₋₂fluoroalkyl, and

R⁵ is hydrogen, C₁₋₈alkyl, C₁₋₈ fluoroalkyl, or C₃₋₈cycloalkyl, phenyl optionally substituted with one or two of: a halogen atom, C₁₋₂alkyl, trifluoromethyl, C₁₋₂alkoxy or trifluoromethoxy; or R⁵ has the sub-formula (x), (y) or (z):



wherein in sub-formula (x) and (z), n = 1 or 2; and in sub-formula (y), m = 1 or 2;

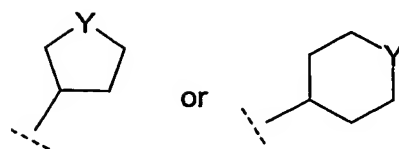
wherein in sub-formula (x) and (y), none, one or two of A, B, D, E and F are nitrogen; and the remaining of A, B, D, E and F are CH or CR⁶ where R⁶ is a halogen atom, C₁₋₄alkyl, C₁₋₄fluoroalkyl, C₁₋₂alkoxy, C₁₋₂fluoroalkoxy,

C₁₋₂alkylsulphonyl (C₁₋₂alkyl-SO₂-), C₁₋₂alkyl-SO₂-NH-, R⁷R⁸N-SO₂-, R⁷R⁸N-CO-, R⁷R⁸N, OH, C₁₋₄alkoxymethyl, or C₁₋₂alkyl-SO₂-CH₂-, wherein R⁷ and R⁸ are independently hydrogen or C₁₋₂alkyl;

wherein in sub-formula (z), G is O or S or NR⁹ wherein R⁹ is C₁₋₄alkyl or C₁₋₄fluoroalkyl; none, one or two of J, L, M and Q are nitrogen; and the remaining of J, L, M and Q are CH or CR⁶ where R⁶ is as defined herein;

or R⁴ and R⁵ taken together are -(CH₂)_p- where p = 3, 4 or 5;

R^{5a} is C₁₋₈alkyl; C₁₋₈ fluoroalkyl; C₃₋₈cycloalkyl; phenyl optionally substituted with one or two of: a halogen atom, C₁₋₂alkyl, trifluoromethyl, C₁₋₂alkoxy or trifluoromethoxy; or R^{5a} has the sub-formula (x), (y) or (z) as defined herein;

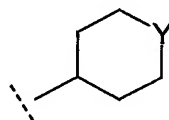


R^3 is C_{3-8} cycloalkyl or a heterocyclic group being in which Y is O, S, SO_2 , or NR^{10} ; where R^{10} is hydrogen, C_{1-4} alkyl, C_{1-2} fluoroalkyl, $C(O)-C_{1-2}$ alkyl, or $C(O)-CF_3$;

and wherein in R^3 the C_{3-8} cycloalkyl or heterocyclic group is optionally substituted with one or two substituents being OH, C_{1-2} alkoxy, trimethoxy, or C_{1-2} alkyl group; and wherein any OH, alkoxy or trimethoxy substituent is not substituted at the ring carbon attached to the -NH- group of formula (IA) and is not substituted at either ring carbon bonded to the Y group of the heterocyclic group; and

$R^1 = C_{1-4}$ alkyl or C_{1-2} fluoroalkyl;

provided that:

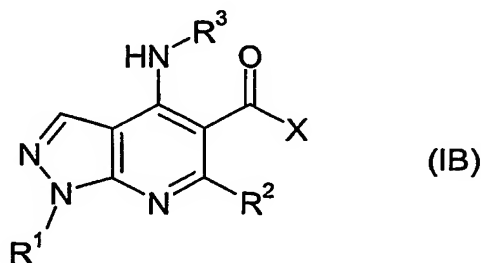


when R^3 is the heterocyclic group being and Y is NR^{10} , then: either (a) R^{10} is hydrogen, $C(O)-C_{1-2}$ alkyl, or $C(O)-CF_3$;

or (b) R^{10} is methyl and the compound is: 1-ethyl-N-(2-ethylbutyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide or 1-ethyl-N-(4-fluorophenyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

and provided that: where X is OR^{5a} , the compound is other than the compound wherein R^1 is methyl, X is OEt, and R^3 is cyclopentyl.

3. A compound of formula (IB) or a salt thereof:

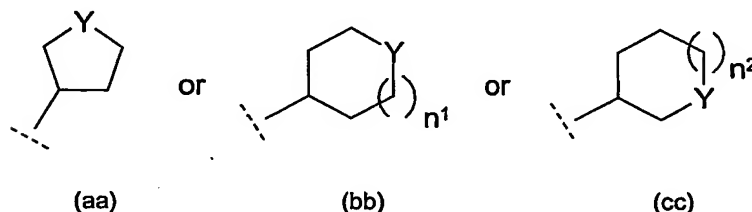


wherein:

R^1 is C_{1-4} alkyl, C_{1-3} fluoroalkyl, $-CH_2CH_2OH$ or $-CH_2CH_2CO_2C_{1-2}$ alkyl;

R^2 is a hydrogen atom (H), methyl or C_1 fluoroalkyl;

R^3 is optionally substituted C_{3-8} cycloalkyl or an optionally substituted heterocyclic group of sub-formula (aa), (bb) or (cc);



in which n^1 and n^2 independently are 1 or 2; and in which Y is O, S, SO_2 , or NR^{10} ; where R^{10} is a hydrogen atom (H), C_{1-4} alkyl, C_{1-2} fluoroalkyl, $CH_2C(O)NH_2$, $C(O)NH_2$, $C(O)-C_{1-2}$ alkyl, or $C(O)-C_1$ fluoroalkyl;

and wherein in R^3 the C_{3-8} cycloalkyl or the heterocyclic group of sub-formula (aa), (bb) or (cc) is optionally substituted with one or two substituents being oxo ($=O$), OH, C_{1-2} alkoxy, C_{1-2} fluoroalkoxy, or C_{1-2} alkyl; and wherein any OH, alkoxy or fluoroalkoxy substituent is not substituted at the R^3 ring carbon attached (bonded) to the $-NH-$ group of formula (IB) and is not substituted at either R^3 ring carbon bonded to the Y group of the heterocyclic group (aa), (bb) or (cc);

and X is NR^4R^5 or OR^{5a} , in which:

R^4 is a hydrogen atom (H); C_{1-6} alkyl; C_{1-3} fluoroalkyl; or C_{2-6} alkyl substituted by one substituent R^{11} ; and

R^5 is a hydrogen atom (H); C_{1-8} alkyl; C_{1-8} fluoroalkyl; C_{3-8} cycloalkyl optionally substituted by a C_{1-2} alkyl group; or $-(CH_2)_{n^4}-C_{3-8}$ cycloalkyl optionally substituted, in the $-(CH_2)_{n^4}-$ moiety or in the C_{3-8} cycloalkyl moiety, by a C_{1-2} alkyl group, wherein n^4 is 1, 2 or 3;

or R^5 is C_{2-6} alkyl substituted by one or two independent substituents R^{11} ;

wherein each substituent R^{11} , independently of any other R^{11} substituent present, is: hydroxy (OH); C_{1-6} alkoxy; phenyloxy; benzyloxy; $-NR^{12}R^{13}$; $-NR^{15}-C(O)R^{16}$; $-NR^{15}-C(O)-O-R^{16}$; $-NR^{15}-C(O)-NH-R^{15}$; or $-NR^{15}-SO_2R^{16}$; and wherein any

R¹¹ substituent which is OH, alkoxy or -NR¹²R¹³ is not substituted at any carbon atom, of any R⁴ or R⁵ substituted alkyl, which is bonded to the nitrogen of NR⁴R⁵;

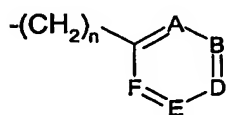
or R⁵ is -(CH₂)_n¹¹-C(O)R¹⁶; -(CH₂)_n¹¹-C(O)NR¹²R¹³; -CHR¹⁹-C(O)NR¹²R¹³; -(CH₂)_n¹²-C(O)OR¹⁶; -CHR¹⁹-C(O)OR¹⁶; -(CH₂)_n¹²-SO₂-NR¹²R¹³; -(CH₂)_n¹²-SO₂R¹⁶; or -(CH₂)_n¹²-CN; wherein n¹¹ is 0, 1, 2, 3 or 4 and n¹² is 1, 2, 3 or 4;

or R⁵ is -(CH₂)_n¹³-Het wherein n¹³ is 0, 1, 2, 3 or 4 and Het is a 4-, 5-, 6- or 7-membered saturated or partly-saturated heterocyclic ring containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-hetero-atoms present are not bound to the -(CH₂)_n¹³- moiety when n¹³ is 1 and are not bound to the nitrogen of NR⁴R⁵ when n¹³ is 0; wherein any ring-nitrogens which are present and which are not unsaturated (i.e. which do not partake in a double bond) are present as NR¹⁷ where R¹⁷ is as defined herein; and wherein one or two of the carbon ring-atoms independently are optionally substituted by C₁₋₂alkyl;

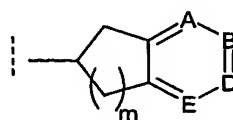
or R⁵ is phenyl optionally substituted with one or two of: a halogen atom; C₁₋₄alkyl; C₁₋₂fluoroalkyl; C₁₋₄alkoxy; C₁₋₂fluoroalkoxy; C₁₋₂alkylsulphonyl (C₁₋₂alkyl-SO₂-); C₁₋₂alkyl-SO₂-NH-; R⁷R⁸N-SO₂-; R⁷R⁸N-CO-; -NR¹⁵-C(O)R¹⁶; R⁷R⁸N; OH; C₁₋₄alkoxymethyl; C₁₋₄alkoxyethyl; C₁₋₂alkyl-SO₂-CH₂-; cyano (CN); or phenyl optionally substituted by one or two of fluoro, chloro, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

wherein R⁷ and R⁸ are independently a hydrogen atom (H); C₁₋₄alkyl; C₃₋₆cycloalkyl; or phenyl optionally substituted by one or two of: fluoro, chloro, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy; or R⁷ and R⁸ together are -(CH₂)_n⁶- or -C(O)-(CH₂)_n⁷- or -C(O)-(CH₂)_n⁷-C(O)- or -(CH₂)_n⁸-X⁷-(CH₂)_n⁹- or -C(O)-X⁷-(CH₂)_n¹⁰- in which: n⁶ is 3, 4, 5 or 6, n⁷ is 2, 3, 4, or 5, n⁸ and n⁹ and n¹⁰ independently are 2 or 3, and X⁷ is O or NR¹⁴ wherein R¹⁴ is H or C₁₋₂alkyl;

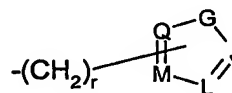
or R⁵ has the sub-formula (x), (y) or (z):



(x)



(y)



(z)

wherein in sub-formula (x), n = 1 or 2; in sub-formula (y), m = 1 or 2; and in sub-formula (z), r = 0, 1 or 2;

wherein in sub-formula (x) and (y), none, one or two of A, B, D, E and F are nitrogen; and the remaining of A, B, D, E and F are independently CH or CR⁶;

where R⁶ is a halogen atom; C₁₋₄alkyl; C₁₋₄fluoroalkyl; C₁₋₄alkoxy; C₁₋₂fluoroalkoxy; C₁₋₂alkylsulphonyl (C₁₋₂alkyl-SO₂-); C₁₋₂alkyl-SO₂-NH-; R⁷R⁸N-SO₂-; R⁷R⁸N-CO-; -NR¹⁵-C(O)R¹⁶; R⁷R⁸N; OH; C₁₋₄alkoxymethyl; C₁₋₄alkoxyethyl; C₁₋₂alkyl-SO₂-CH₂-; cyano (CN); or phenyl optionally substituted by one or two of fluoro, chloro, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy; wherein R⁷ and R⁸ are as herein defined;

wherein in sub-formula (z), G is O or S or NR⁹ wherein R⁹ is a hydrogen atom (H), C₁₋₄alkyl or C₁₋₄fluoroalkyl; none, one, two or three of J, L, M and Q are nitrogen; and the remaining of J, L, M and Q are independently CH or CR⁶ where R⁶ is as defined herein;

or R⁴ and R⁵ taken together are -(CH₂)_p¹- or -C(O)-(CH₂)_p²- or -(CH₂)_p³-X⁵-(CH₂)_p⁴- or -C(O)-X⁵-(CH₂)_p⁵-, in which: p¹ = 3, 4, 5 or 6, p² is 2, 3, 4, or 5, and p³ and p⁴ and p⁵ independently are 2 or 3 and X⁵ is O or NR¹⁷;

wherein R¹⁷ is a hydrogen atom (H); C₁₋₄alkyl; C₁₋₂fluoroalkyl;

C₃₋₆cycloalkyl; -(CH₂)_p⁶-C(O)R¹⁶ wherein p⁶ is 0, 1, 2 or 3;

-(CH₂)_p⁶-C(O)NR¹²R¹³; -(CH₂)_p⁶-C(O)OR¹⁶; -SO₂R¹⁶; or phenyl or benzyl

wherein the phenyl or benzyl is optionally substituted at an aromatic carbon atom by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

and wherein, when R⁴ and R⁵ taken together are -(CH₂)_p¹- or -C(O)-(CH₂)_p²-, the NR⁴R⁵ heterocycle is optionally substituted by one R¹⁸ substituent wherein R¹⁸ is: C₁₋₄alkyl; C₁₋₂fluoroalkyl; C₃₋₆cycloalkyl; C₁₋₂alkoxy (not substituted at a ring-carbon bonded to the NR⁴R⁵ ring-nitrogen); C₁fluoroalkoxy (not substituted at a ring-carbon bonded to the NR⁴R⁵ ring-nitrogen); OH (not substituted at a ring-carbon bonded to the NR⁴R⁵ ring-nitrogen); -(CH₂)_p⁷-C(O)R¹⁶ wherein p⁷ is 0, 1, 2 or 3; -(CH₂)_p⁷-C(O)OR¹⁶; -(CH₂)_p⁷-OC(O)R¹⁶; -(CH₂)_p⁷-C(O)NR¹²R¹³; -(CH₂)_p⁷-NR¹⁵C(O)R¹⁶; -(CH₂)_p⁷-NR¹⁵C(O)NR¹²R¹³; -(CH₂)_p⁷-NR¹⁵C(O)OR¹⁶; -(CH₂)_p⁷-SO₂R¹⁶; -(CH₂)_p⁷-SO₂NR¹²R¹³; -(CH₂)_p⁷-NR¹⁵SO₂R¹⁶; -(CH₂)_p⁷-OH; -(CH₂)_p⁷-OR¹⁶; or phenyl optionally substituted by one or two of: a halogen atom, C₁₋₂alkyl, C₁fluoroalkyl, C₁₋₂alkoxy or C₁fluoroalkoxy;

or R^4 and R^5 taken together are $-(CH_2)_p^1-$ or $-C(O)-(CH_2)_p^2-$ or $-(CH_2)_p^3-X^5-(CH_2)_p^4-$ or $-C(O)-X^5-(CH_2)_p^5-$ as defined herein, and wherein the NR^4R^5 heterocycle is fused to a phenyl ring optionally substituted on the phenyl by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; and

R^{5a} is C_{1-8} alkyl; C_{1-8} fluoroalkyl; C_{3-8} cycloalkyl; phenyl optionally substituted with one or two of: a halogen atom, C_{1-2} alkyl, trifluoromethyl, C_{1-2} alkoxy or trifluoromethoxy; or R^{5a} has the sub-formula (x), (y) or (z) as defined herein

and wherein:

R^{12} and R^{13} independently are H; C_{1-5} alkyl; C_{3-6} cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

or R^{12} and R^{13} together are $-(CH_2)_n^6-$ or $-C(O)-(CH_2)_n^7-$ or $-C(O)-(CH_2)_n^7-C(O)-$ or $-(CH_2)_n^8-X^{12}-(CH_2)_n^9-$ or $-C(O)-X^{12}-(CH_2)_n^{10}-$ in which: n^6 is 3, 4, 5 or 6, n^7 is 2, 3, 4, or 5, n^8 and n^9 and n^{10} independently are 2 or 3 and X^{12} is O or NR^{14} wherein R^{14} is H or C_{1-2} alkyl;

R^{15} is a hydrogen atom (H); C_{1-4} alkyl; C_{3-6} cycloalkyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy;

R^{16} is C_{1-4} alkyl; C_{3-6} cycloalkyl; pyridinyl; or phenyl optionally substituted by one or two of: a halogen atom, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy; and

R^{19} is a hydrogen atom (H); C_{1-4} alkyl; $-(CH_2)_n^{20}-OR^{20}$ wherein n^{20} is 1, 2, 3 or 4 and R^{20} is a hydrogen atom (H) or C_{1-4} alkyl; $-CH(Me)-OH$; $-CH_2-SH$; $-CH_2-CH_2-S-Me$; benzyl; or (4-hydroxyphenyl)methyl (i.e. 4-hydroxy-benzyl);

provided that:

when R^3 is the heterocyclic group of sub-formula (bb), n^1 is 1, and Y is NR^{10} , then: either (a) R^{10} is not C_{1-4} alkyl, C_{1-2} fluoroalkyl or $CH_2C(O)NH_2$;

or (b) R^{10} is methyl and the compound is: 1-ethyl-N-(2-ethylbutyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide or 1-ethyl-N-(4-fluorophenyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

and provided that: where X is OR^{5a}, the compound is other than the compound wherein R¹ is methyl, X is OEt, and R³ is cyclopentyl.

4. A compound or salt as claimed in claim 1 or 3, wherein R² is a hydrogen atom (H).
5. A compound or salt as claimed in claim 1, 2, 3 or 4, wherein R¹ is C₁₋₃alkyl, C₁₋₂fluoroalkyl or -CH₂CH₂OH.
6. A compound or salt as claimed in any preceding claim, wherein R¹ is ethyl, n-propyl, C₂fluoroalkyl or -CH₂CH₂OH.
7. A compound or salt as claimed in any preceding claim, wherein R¹ is ethyl.
8. A compound or salt as claimed in any preceding claim, wherein in R³ there is one substituent or no substituent.
9. A compound or salt as claimed in any preceding claim, wherein, where R³ is optionally substituted C₃₋₈cycloalkyl, then R³ is not optionally substituted C₅cycloalkyl, i.e. it is not optionally substituted cyclopentyl.
10. A compound or salt as claimed in claim 9, wherein, where R³ is optionally substituted C₃₋₈cycloalkyl, then R³ is optionally substituted C₆₋₈cycloalkyl.
11. A compound or salt as claimed in claim 9, wherein, where R³ is optionally substituted C₃₋₈cycloalkyl, then R³ is optionally substituted cyclohexyl.
12. A compound or salt as claimed in any preceding claim, wherein, where R³ is optionally substituted C₃₋₈cycloalkyl, then the one or two optional substituents is or independently are: oxo (=O); OH; NHR²¹ wherein R²¹ is a hydrogen atom (H); methyl; -CH₂F; -CHF₂; -C(O)OR²³ wherein R²³ is H; fluoro; hydroxyimino (=N-OH); or (C₁₋₂alkoxy)imino (=N-OR²⁶ where R²⁶ is C₁₋₂alkyl).
13. A compound or salt as claimed in any preceding claim, wherein, where R³ is optionally substituted C₃₋₈cycloalkyl, then the one or two optional substituents is or independently are OH, oxo (=O) or hydroxyimino (=N-OH).
14. A compound or salt as claimed in any preceding claim, wherein, where R³ is optionally substituted C₃₋₈cycloalkyl, then the one or two optional substituents if present is or are substituent(s) at the 3-, 4- or 5- position(s) of the R³ cycloalkyl ring,

(wherein the 1-position of the R³ cycloalkyl ring is deemed to be the connection point to the -NH- in formula (I) or (IA) or (IB)).

15. A compound or salt as claimed in any preceding claim, wherein, where R³ is optionally substituted C₆cycloalkyl, then R³ is cyclohexyl (i.e. unsubstituted), 3-hydroxy-cyclohexyl (i.e. 3-hydroxycyclohexan-1-yl), 4-oxo-cyclohexyl (i.e. 4-oxocyclohexan-1-yl), 4-(hydroxyimino)cyclohexyl (i.e. 4-(hydroxyimino)cyclohexan-1-yl), 4-(C₁₋₂alkoxyimino)cyclohexyl, 1-methylcyclohexyl or 3-methylcyclohexyl.

16. A compound or salt as claimed in any preceding claim, wherein, where R³ is optionally substituted mono-unsaturated-C₅₋₇cycloalkenyl, then R³ is optionally substituted mono-unsaturated-C₆cycloalkenyl (i.e. optionally substituted mono-unsaturated-cyclohexenyl), and wherein the R³ cycloalkenyl is optionally substituted with one or two substituents being fluoro or methyl.

17. A compound or salt as claimed in any preceding claim, wherein, where R³ is the heterocyclic group of sub-formula (aa), (bb) or (cc), then Y is O, S, SO₂, NH or N-C(O)methyl.

18. A compound or salt as claimed in any preceding claim, wherein, where R³ is the heterocyclic group of sub-formula (aa), (bb) or (cc), then Y is O.

19. A compound or salt as claimed in any preceding claim, wherein R¹⁰ is a hydrogen atom (H) or C(O)methyl.

20. A compound or salt as claimed in any preceding claim, wherein where R³ is the heterocyclic group of sub-formula (aa), (bb) or (cc), then R³ is the heterocyclic group of sub-formula (bb) and n¹ is 1.

21. A compound or salt as claimed in any preceding claim, wherein, in R³, the heterocyclic group of sub-formula (aa), (bb) or (cc) is unsubstituted (wherein, where Y is NR¹⁰, R¹⁰ is not classified as a substituent).

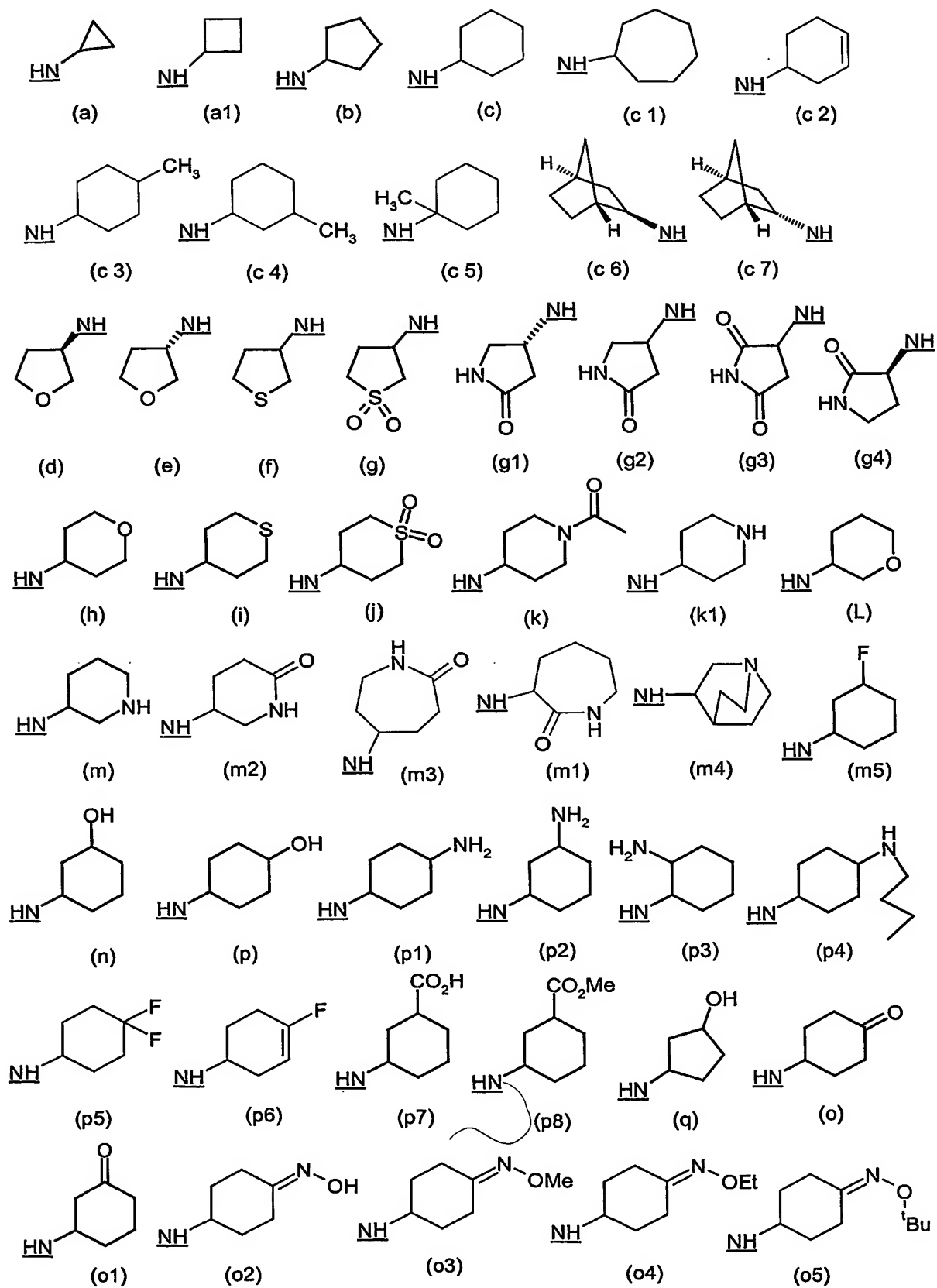
22. A compound or salt as claimed in any of claims 1 to 20, wherein, in the R³ heterocyclic group of sub-formula (aa), (bb) or (cc), the one or two optional substituents is or are oxo (=O).

23. A compound or salt as claimed in any preceding claim, wherein
when R³ is the heterocyclic group of sub-formula (aa) then Y is O, S, SO₂ or NH, and

when R³ is the heterocyclic group of sub-formula (bb) and Y is NR¹⁰, then R¹⁰ is not C₁₋₄alkyl, C₁₋₂fluoroalkyl or CH₂C(O)NH₂.

24. A compound or salt as claimed in any preceding claim, wherein, where R^3 is a bicyclic group of sub-formula (dd) or (ee), then R^3 is of sub-formula (ee) wherein Y^1 , Y^2 and Y^3 are all CH_2 .

25. A compound or salt as claimed in any preceding claim, wherein NHR^3 is of sub-formula (a), (a1), (b), (c), (c 1), (c 2), (c 3), (c 4), (c 5), (c 6), (c 7), (d), (e), (f), (g), (g1), (g2), (g3), (g4), (h), (i), (j), (k), (k1), (L), (m), (m1), (m2), (m3), (m4), (m5), (n), (o), (o1), (o2), (o3), (o4), (o5), (p), (p1), (p2), (p3), (p4), (p5), (p6), (p7), (p8) or (q):



26. A compound or salt as claimed in claim 25, wherein NHR^3 is of sub-formula (c), (c1), (c 2), (c 3), (c 4), (c 5), (c 6), (c 7), (d), (e), (f), (g1), (g4), (h), (i), (j), (k), (k1), (L), (m), (m1), (m2), (m3), (m5), (n), (o), (o1), (o2), (o3), (o4), (o5), (p), (p2), (p3), (p5), (p6), (p7) or (q).
27. A compound or salt as claimed in claim 25, wherein NHR^3 is of sub-formula (c), (d), (e), (f), (g1), (h), (i), (j), (k), (m), (m1), (n), (o), (o1), (p), or (q).
28. A compound or salt as claimed in claim 26 or 27, wherein NHR^3 is of sub-formula (c), (c1), (c 4), (c 5), (h), (i), (j), (k), (m1), (m2), (n), (o), (o2), (o3), (p2), (p5), (p6) or (q).
29. A compound or salt as claimed in claim 26 or 27, wherein NHR^3 is of sub-formula (c), (h), (k), (n), (o) or (o2).
30. A compound or salt as claimed in claim 25, wherein R^3 is tetrahydro-2H-pyran-4-yl; that is NHR^3 is of sub-formula (h).
31. A compound or salt as claimed in any preceding claim, wherein X is NR^4R^5 .
32. A compound or salt as claimed in any preceding claim, wherein R^4 is a hydrogen atom (H), $\text{C}_{1-4}\text{alkyl}$, $-(\text{CH}_2)_n^3\text{-OH}$ or $-(\text{CH}_2)_n^3\text{-NR}^{12}\text{R}^{13}$ wherein n^3 is 2 and R^{12} and R^{13} independently are H or C_1alkyl .
33. A compound or salt as claimed in any preceding claim, wherein R^4 is a hydrogen atom (H).
34. A compound or salt as claimed in any preceding claim, wherein R^5 is:
 $\text{C}_{1-8}\text{alkyl}$;
 $\text{C}_{1-3}\text{fluoroalkyl}$;
 $\text{C}_{3-8}\text{cycloalkyl}$ (unsubstituted);
unsubstituted $-(\text{CH}_2)_n^4\text{-C}_{5-6}\text{cycloalkyl}$ wherein n^4 is 1 or 2;
 $-(\text{CH}_2)_n^5\text{-R}^{11}$ wherein n^5 is 2 or 3, and each substituent R^{11} , independently of any other R^{11} substituent present, is $\text{C}_{1-4}\text{alkoxy}$, $-\text{NR}^{15}\text{-C(O)-NH-R}^{15}$, or $-\text{NR}^{15}\text{-SO}_2\text{R}^{16}$, and any R^{11} substituent which is alkoxy is not substituted at any carbon atom, of the R^5 substituted alkyl, which is bonded to the nitrogen of NR^4R^5 ;
or
 $-(\text{CH}_2)_n^{11}\text{-C(O)R}^{16}$; $-(\text{CH}_2)_n^{12}\text{-C(O)NR}^{12}\text{R}^{13}$; $-(\text{CH}_2)_n^{12}\text{-C(O)OR}^{16}$;
 $-(\text{CH}_2)_n^{12}\text{-SO}_2\text{-NR}^{12}\text{R}^{13}$; $-(\text{CH}_2)_n^{12}\text{-SO}_2\text{R}^{16}$; or $-(\text{CH}_2)_n^{12}\text{-CN}$ wherein n^{11} is 1 or 2 and n^{12} is 1 or 2.

35. A compound or salt as claimed in any of claims 1 to 33, wherein R^5 is $-(CH_2)_n^{13}$ -Het, n^{13} is 0, 1 or 2, and Het is a 5- or 6-membered saturated heterocyclic ring.
36. A compound or salt as claimed in any of claims 1 to 33, wherein R^5 is phenyl optionally substituted with, independently, one or two of: a halogen atom; C_{1-2} alkyl; C_{1-2} fluoroalkyl; C_{1-2} alkoxy; trifluoromethoxy; C_{1-2} alkylsulphonyl (C_{1-2} alkyl-SO₂-); C_{1-2} alkyl-SO₂-NH-; R^7R^8N -SO₂-; R^7R^8N -CO-; -NR¹⁵-C(O)R¹⁶; R^7R^8N ; OH; C_{1-2} alkoxymethyl; C_{1-2} alkyl-SO₂-CH₂-; cyano (CN); or phenyl optionally substituted by one of fluoro, C_{1-2} alkyl, C_1 fluoroalkyl, C_{1-2} alkoxy or C_1 fluoroalkoxy.
37. A compound or salt as claimed in claim 35, wherein R^5 is phenyl optionally substituted with one or two of: a halogen atom, C_{1-2} alkyl, trifluoromethyl, C_{1-2} alkoxy, trifluoromethoxy, R^7R^8N -SO₂-, R^7R^8N -CO-, or C_{1-2} alkyl-SO₂-CH₂-.
38. A compound or salt as claimed in any of claims 1 to 33, wherein R^5 has the sub-formula (x) or (y) or (y1) or (z).
39. A compound or salt as claimed in any of claims 1 to 33, wherein R^5 has the sub-formula (x).
40. A compound or salt as claimed in any preceding claim, wherein $n = 1$, $m = 1$, and $r = 1$.
41. A compound or salt as claimed in any preceding claim, wherein, in sub-formula (x), (y) and/or (y1): none, one or two of A, B, D, E and F are nitrogen; none, one, two or three of A, B, D, E and F are CR⁶; and the remaining of A, B, D, E and F are CH.
42. A compound or salt as claimed in claim 41, wherein, in sub-formula (x), (y) and/or (y1), none or one of A, B, D, E and F are nitrogen.
43. A compound or salt as claimed in any preceding claim, wherein in sub-formula (x), (y), (y1) and/or (z), each R⁶, independently of any other R⁶ present, is a fluorine, chlorine, bromine or iodine atom, methyl, ethyl, n-propyl, isopropyl, C_4 alkyl, trifluoromethyl, -CH₂OH, methoxy, ethoxy, C_1 fluoroalkoxy, OH, C_{1-3} alkylS(O)₂-, C_{1-3} alkylS(O)₂-NH-, Me₂N-S(O)₂-, H₂N-S(O)₂-, -CONH₂, -CONHMe, -CO₂H, cyano (CN), NMe₂, t-butoxymethyl, or C_{1-3} alkylS(O)₂-CH₂-.
44. A compound or salt as claimed in claim 43, wherein in sub-formula (x), (y), (y1) and/or (z), each R⁶, independently of any other R⁶ present, is a fluorine, chlorine

or bromine atom, methyl, ethyl, n-propyl, isopropyl, trifluoromethyl, -CH₂OH, methoxy, difluoromethoxy, methylsulphonyl, methyl-SO₂-NH- or methyl-SO₂-CH₂-.

45. A compound or salt as claimed in any preceding claim, wherein R⁵ is of sub-formula (x) and is: benzyl, (monoalkyl-phenyl)methyl, [mono(fluoroalkyl)-phenyl]methyl, (monohalo-phenyl)methyl, (monoalkoxy-phenyl)methyl, [mono(fluoroalkoxy)-phenyl]methyl, [mono(N,N-dimethylamino)-phenyl]methyl, [mono(methyl-SO₂-NH-)-phenyl]methyl, [mono(methyl-SO₂-)-phenyl]methyl, (dialkyl-phenyl)methyl, (monoalkyl-monohalo-phenyl)methyl, [mono(fluoroalkyl)-monohalo-phenyl]methyl, (dihalo-phenyl)methyl, (dihalo-monoalkyl-phenyl)methyl, [dihalo-mono(hydroxymethyl)-phenyl]methyl, or (dialkoxy-phenyl)methyl.

46. A compound or salt as claimed in claim 45, wherein R⁵ is: (monoC₁₋₃alkyl-phenyl)methyl; (monoC₁fluoroalkyl-phenyl)methyl; (monoC₁₋₂alkoxy-phenyl)methyl; [mono(C₁fluoroalkoxy)-phenyl]methyl; (diC₁₋₂alkyl-phenyl)methyl; (monoC₁₋₂alkyl-monohalo-phenyl)methyl; (dihalo-phenyl)methyl; (dihalo-monoC₁₋₂alkyl-phenyl)methyl; or [dihalo-mono(hydroxymethyl)-phenyl]methyl.

47. A compound or salt as claimed in claim 46, wherein R⁵ is: (4-C₁₋₃alkyl-phenyl)methyl; (4-C₁fluoroalkyl-phenyl)methyl; (4-C₁₋₂alkoxy-phenyl)methyl; (4-C₁fluoroalkoxy-phenyl)methyl; (3,4-dimethyl-phenyl)methyl; (2,4-dimethyl-phenyl)methyl; (3,5-dimethyl-phenyl)methyl; (2,3-dimethyl-phenyl)methyl; (2,5-dimethyl-phenyl)methyl; (4-methyl-3-chloro-phenyl)methyl; (3-methyl-4-chloro-phenyl)methyl; (2-methyl-4-chloro-phenyl)methyl; (2-chloro-4-fluorophenyl)methyl; (2,4-difluoro-phenyl)methyl, (4-bromo-2-fluorophenyl)methyl; (4-chloro-2-fluorophenyl)methyl; (3,4-dichloro-phenyl)methyl; (2,4-dichloro-phenyl)methyl; (2,6-dichloro-phenyl)methyl; (2,3-dichloro-phenyl)methyl; (2,4-dichloro-6-methyl-phenyl)methyl; or [2,3-dichloro-6-(hydroxymethyl)-phenyl]methyl.

48. A compound or salt as claimed in any of claims 1 to 44, wherein R⁵ has the sub-formula (z), r is 1, none or one of J, L, M or Q is CR⁶, and if one of J, L, M or Q is CR⁶ then R⁶ is methyl or C₁fluoroalkyl, and R⁹ is a hydrogen atom (H) or methyl.

49. A compound or salt as claimed in claim 1, which is:

Ethyl 4-(cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-[(1-acetylpiperidin-4-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,

Ethyl 1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-ethyl-4-[(3S)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-ethyl-4-[(3R)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-ethyl-4-(tetrahydro-2H-thiopyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-ethyl-4-(tetrahydrothien-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-(cyclopropylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-[(1,1-dioxidotetrahydrothien-3-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-[(1,1-dioxidotetrahydro-2H-thiopyran-4-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
N-Benzyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Cyclopentyl-4-(cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-cyclopentyl-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Cyclopentyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetylpiperidin-4-yl)amino]-N-cyclopentyl-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Cyclopentyl-1-ethyl-5-(pyrrolidin-1-ylcarbonyl)-1H-pyrazolo[3,4-b]pyridin-4-amine,
N-Cyclohexyl-1-ethyl-5-(pyrrolidin-1-ylcarbonyl)-1H-pyrazolo[3,4-b]pyridin-4-amine,
1-Ethyl-5-(pyrrolidin-1-ylcarbonyl)-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-b]pyridin-4-amine,
4-(Cyclopentylamino)-1-ethyl-N-(pyridin-4-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(pyridin-4-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(pyridin-4-ylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-(cyclopentylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetylpiperidin-4-yl)amino]-N-benzyl-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopentylamino)-1-ethyl-N-(2-ethylbutyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(2-ethylbutyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(2-ethylbutyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-N-(2-ethylbutyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetylpiperidin-4-yl)amino]-1-ethyl-N-(2-ethylbutyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopentylamino)-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-[(1-methylpiperidin-4-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetylpiperidin-4-yl)amino]-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopentylamino)-1-ethyl-N-n-propyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-n-propyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetylpiperidin-4-yl)amino]-1-ethyl-N-n-propyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetylpiperidin-4-yl)amino]-1-ethyl-N-(pyridin-4-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-(cyclopentylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-(cyclohexylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopentylamino)-N-(2-ethylbutyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-(2-ethylbutyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2-Ethylbutyl)-1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopentylamino)-N-(4-fluorophenyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-(4-fluorophenyl)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(4-Fluorophenyl)-1-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopentylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetylpiperidin-4-yl)amino]-N-benzyl-1-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N,N-dimethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-N-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-isopropyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-[(3S)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-[(3R)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-(tetrahydrothien-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-(cyclopropylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-[(1,1-dioxidotetrahydrothien-3-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-[(1,1-dioxidotetrahydro-2H-thiopyran-4-yl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-(tetrahydro-2H-thiopyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-[(3S)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-[(3R)-tetrahydrofuran-3-ylamino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-(tetrahydro-2H-thiopyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-(tetrahydrothien-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclopropylamino)-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1,1-Dioxidotetrahydrothien-3-yl)amino]-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1,1-Dioxidotetrahydro-2H-thiopyran-4-yl)amino]-1-ethyl-N-(4-fluorophenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[4-(methylsulfonyl)benzyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[3-(methylsulfonyl)benzyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-5-{{[5-methoxy-6-(trifluoromethyl)-2,3-dihydro-1H-indol-1-yl]carbonyl}-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-b]pyridin-4-amine},
N-[(5-Chloropyridin-2-yl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(4-Chlorobenzyl)-1-ethyl-N-isopropyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3-Chlorobenzyl)-1-ethyl-N-(2-hydroxyethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(5-methyl-3-phenylisoxazol-4-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2-*tert*-Butoxyethyl)-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-*N*-(1,3-thiazol-2-ylmethyl)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(pyrimidin-4-ylmethyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-[(2-methyl-1,3-thiazol-4-yl)methyl]-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[3-(*tert*-Butoxymethyl)benzyl]-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-{2-[methyl(methylsulfonyl)amino]ethyl}-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(pyrazin-2-ylmethyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-5-{{4-(pyridin-2-ylcarbonyl)piperazin-1-yl}carbonyl}-*N*-tetrahydro-2*H*-pyran-4-yl-1*H*-pyrazolo[3,4-*b*]pyridin-4-amine,
N-(2-Chloro-6-fluorobenzyl)-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-[(6-oxo-1,6-dihydropyridin-3-yl)methyl]-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[3-(Aminocarbonyl)benzyl]-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-{4-[(methylamino)carbonyl]phenyl}-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-[2-(1-methyl-1*H*-imidazol-4-yl)ethyl]-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-{2-[(Anilincarbonyl)amino]ethyl}-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(1*H*-tetraazol-5-ylmethyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-*N*-[2-(1*H*-1,2,4-triazol-1-yl)ethyl]-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-*N*-[4-(trifluoromethyl)phenyl]-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
tert-Butyl 4-({[1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridin-5-yl]carbonyl}amino)piperidine-1-carboxylate,
1-Ethyl-*N*-{3-[(methylsulfonyl)amino]propyl}-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[2-(Dimethylamino)benzyl]-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-[(1-ethylpyrrolidin-2-yl)methyl]-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(tetrahydrofuran-2-ylmethyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-ethyl-*N*-tetrahydro-2*H*-pyran-4-yl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-{4-[(Dimethylamino)sulfonyl]benzyl}-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-{3-[(methylsulfonyl)amino]benzyl}-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

1-Ethyl-*N*-(4-methoxyphenyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-[3-(2-oxopyrrolidin-1-yl)propyl]-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-[2-(1-methylpyrrolidin-2-yl)ethyl]-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(pyridin-3-ylmethyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(1-methylpiperidin-4-yl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(1-ethylpropyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(2-piperidin-1-ylethyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(3-morpholin-4-ylpropyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-(3-Ethoxypropyl)-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-(Cyclohexylmethyl)-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[3-(Dimethylamino)propyl]-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-neopentyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-ethyl-*N*-(4-methoxybenzyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-{2-[(phenylsulfonyl)amino]ethyl}-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[2-(Acetylamino)ethyl]-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-{2-[(methylsulfonyl)amino]ethyl}-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-{2-[(2-methoxyphenyl)(methyl)amino]ethyl}-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(2-oxo-2-phenylethyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-(2,5-Difluorobenzyl)-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-*N*-[4-(trifluoromethyl)benzyl]-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N,1-Diethyl-*N*-propyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-Cyclopropyl-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-(2-amino-2-oxoethyl)-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
1-Ethyl-*N*-(3-methoxyphenyl)-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-(3,4-Difluorobenzyl)-1-ethyl-4-(tetrahydro-2*H*-pyran-4-ylamino)-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,

Ethyl 3-([1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl)amino)propanoate,
N-(1-Benzylpiperidin-4-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Butyl-4-([1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl)piperazine-1-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-(1,3,4-thiadiazol-2-yl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2,3-Dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(2-oxoimidazolidin-1-yl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3,4-Dimethoxybenzyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3-Chlorobenzyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-5-[(4-methylpiperazin-1-yl)carbonyl]-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-b]pyridin-4-amine,
1-Ethyl-N-(2-hydroxyethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-5-{[4-(4-methoxyphenyl)piperazin-1-yl]carbonyl}-N-tetrahydro-2H-pyran-4-yl-1H-pyrazolo[3,4-b]pyridin-4-amine,
1-Ethyl-N-{4-[(methylsulfonyl)methyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[3-(dimethylamino)-3-oxopropyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(1-methyl-1H-imidazol-5-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{4-[(methylamino)sulfonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2-Cyanoethyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-methyl-N-[(1-methyl-1H-imidazol-2-yl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-(2-thien-2-ylethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-(4-Chlorophenyl)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(2-methoxyphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Ethyl 4-(cyclohexylamino)-1-(3-ethoxy-3-oxopropyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-(2-hydroxyethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
N-[4-(Methylsulfonyl)benzyl]-1-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(4-Fluorophenyl)-1-n-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Ethyl 1-ethyl-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-(cyclohexylamino)-1-ethyl-6-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
4-(Cyclohexylamino)-1-ethyl-6-methyl-N-[4-(methylsulfonyl)benzyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-4-(cyclohexylamino)-1-ethyl-6-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(4-fluorophenyl)-6-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-6-methyl-N-[4-(trifluoromethyl)benzyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-6-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-[(2-oxazepan-3-yl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-[(3-hydroxycyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-[(4-hydroxycyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-[(3-hydroxycyclopentyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Benzyl-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-N-(2-hydroxy-1-methylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl (2S)-2-({[1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl} amino)-3-hydroxypropanoate,

Ethyl 1-ethyl-4-[(4-hydroxycyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-[(1-acetyl-4-piperidinyl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 4-[(4-aminocyclohexyl)amino]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl-N-[(1-oxido-3-pyridinyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(1-oxido-2-pyridinyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(1-oxido-4-pyridinyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(cis-4-Aminocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclobutylamino)-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cycloheptylamino)-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(4-methylcyclohexyl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-4-[(3-methylcyclohexyl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(1-methylcyclohexyl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2R,4S)-Bicyclo[2.2.1]hept-2-ylamino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2S,4S)-Bicyclo[2.2.1]hept-2-ylamino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[[[(3S)-2-oxo-3-pyrrolidinyl]amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(2,5-Dioxo-3-pyrrolidinyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(1-Azabicyclo[2.2.2]oct-3-ylamino)-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(1-methylcyclohexyl)amino]-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclobutylamino)-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cycloheptylamino)-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2R,4S)-Bicyclo[2.2.1]hept-2-ylamino]-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(4-methylcyclohexyl)amino]-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(3-methylcyclohexyl)amino]-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2S,4S)-Bicyclo[2.2.1]hept-2-ylamino]-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(cis-4-Aminocyclohexyl)amino]-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cycloheptylamino)-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclobutylamino)-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2R,4S)-Bicyclo[2.2.1]hept-2-ylamino]-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2S,4S)-Bicyclo[2.2.1]hept-2-ylamino]-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(4-methylcyclohexyl)amino]-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(3-methylcyclohexyl)amino]-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(1-methylcyclohexyl)amino]-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(cis-4-Aminocyclohexyl)amino]-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cycloheptylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclobutylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-(2,3-Dihydro-1H-inden-2-yl)-1-ethyl-4-[(3-methylcyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2,3-Dihydro-1H-inden-2-yl)-1-ethyl-4-[(4-methylcyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2R,4S)-Bicyclo[2.2.1]hept-2-ylamino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1R,2S,4S)-Bicyclo[2.2.1]hept-2-ylamino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2,3-Dihydro-1H-inden-2-yl)-1-ethyl-4-[(1-methylcyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(cis-4-Aminocyclohexyl)amino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{4-[(methylsulfonyl)methyl]phenyl}-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,4-Dimethylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,4-Dimethylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,4-Dichlorophenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[4-(methyloxy)phenyl]methyl}-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{4-[(methylsulfonyl)amino]phenyl}methyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[4-(Dimethylamino)phenyl]methyl}-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{4-[(Difluoromethyl)oxy]phenyl}methyl-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(4-oxocyclohexyl)amino]-N-{[4-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[4-(methylsulfonyl)phenyl]methyl}-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(4-oxocyclohexyl)amino]-N-(2-pyridinylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-(2,3-Dihydro-1H-inden-2-yl)-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(1-Acetyl-4-piperidinyl)-1-ethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N,1-Diethyl-4-[(4-oxocyclohexyl)amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide
1-Ethyl-4-[(4-oxocyclohexyl)amino]-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{4-[(Difluoromethyl)oxy]phenyl}methyl-1-ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-N-{[4-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[4-(methylsulfonyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{4-[(methylsulfonyl)methyl]phenyl}-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-N-(4-fluorophenyl)-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(2-pyridinylmethyl)-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-(2,3-Dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(1-Acetyl-4-piperidinyl)-1-ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N,1-Diethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(4,4-Difluorocyclohexyl)amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[(4-fluoro-3-cyclohexen-1-yl)amino]-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[(3,4-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-1-ethyl-N-[(3-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[(3,4-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[(2,5-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-1-ethyl-N-[[3-(trifluoromethyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-1-ethyl-N-[[4-(trifluoromethyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[(2,6-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[(3-chlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-1-ethyl-N-[[4-(methyloxy)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-1-ethyl-N-[4-(methyloxy)phenyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-({4-[(dimethylamino)sulfonyl]phenyl}methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-1-ethyl-N-(1,2,3,4-tetrahydro-1-naphthalenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[[2-(dimethylamino)phenyl]methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[(2,4-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-1-ethyl-N-[(2-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[(2-chloro-6-fluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-({4-[(difluoromethyl)oxy]phenyl}methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidinyl)amino]-N-[[3-chloro-4-(methyloxy)phenyl]methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[(1-Acetyl-4-piperidiny)amino]-N-[(5-chloro-2-pyridinyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-N-(5-chloro-2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-{{4-(methylsulfonyl)phenyl}methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-N-(2,2-diphenylethyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-({4-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-({4-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-N-{{4-(aminosulfonyl)phenyl}methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-({3-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-N-{{4-(aminocarbonyl)phenyl}methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[(1-Acetyl-4-piperidiny)amino]-1-ethyl-N-{{6-(methyloxy)-3-pyridinyl}methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-4-piperidinyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-piperidinylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(ethylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{1-[(1-methylethyl)sulfonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[1-(Cyclopentylsulfonyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(methylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{1-[(phenylmethyl)sulfonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(phenylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(propylsulfonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[1-(Cyclopropylcarbonyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(3-furanylcarbonyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[1-(3,3-Dimethylbutanoyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(2-ethylbutanoyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[1-(Cyclopentylacetyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(2-methylpropanoyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-[1-(tetrahydro-2H-pyran-4-ylcarbonyl)-4-piperidinyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-N-(1-propanoyl-4-piperidinyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[1-(N-Acetylglycyl)-4-piperidinyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(4-morpholinylacetyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{1-[(4-oxocyclohexyl)carbonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[1-(1-piperidinylacetyl)-4-piperidinyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{1-[(1-methyl-5-oxo-3-pyrrolidinyl)carbonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{1-[(3-methyl-3-oxetanyl)carbonyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{1-[(4-fluorophenyl)acetyl]-4-piperidinyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[1-(3,3-Dimethylbutanoyl)-4-piperidinyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[1-(Cyclopentylacetyl)-4-piperidinyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[1-(Cyclopropylcarbonyl)-4-piperidinyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{1-[(4-oxocyclohexyl)carbonyl]-4-piperidinyl}methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{1-[(4-fluorophenyl)acetyl]-4-piperidinyl}methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{1-[(1-methyl-5-oxo-3-pyrrolidinyl)carbonyl]-4-piperidinyl}methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl 3-[(1-ethyl-5-[(phenylmethyl)amino]carbonyl)-1H-pyrazolo[3,4-b]pyridin-4-yl]amino]cyclohexanecarboxylate,
3-[(1-Ethyl-5-[(phenylmethyl)amino]carbonyl)-1H-pyrazolo[3,4-b]pyridin-4-yl]amino]cyclohexanecarboxylic acid,
1-Ethyl-N-(phenylmethyl)-4-(4-piperidinylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Ethyl 1-ethyl-4-({1-[(methyloxy)acetyl]-4-piperidinyl}amino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
Ethyl 1-(1-methylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
4-(Cyclohexylamino)-1-ethyl-N-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-6-methyl-N-{[4-(methylsulfonyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2,3-Dihydro-1H-inden-2-yl)-1-ethyl-6-methyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[3-(1-piperidinylcarbonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[4-(1-methylethyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(2-fluorophenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{3-[(Dimethylamino)carbonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{4-[(Difluoromethyl)oxy]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{4-[Acetyl(methyl)amino]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-hydroxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[4-(4-morpholinyl)-2-(trifluoromethyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-4-pyridinyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{4-[(4-methyl-1-piperazinyl)carbonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(2-oxo-1-pyrrolidinyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[3-(methylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{3-[Acetyl(methyl)amino]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{3-[(methylsulfonyl)amino]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluoro-2-hydroxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(4-Chlorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3-Chloro-2-cyanophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[3-(1-piperidinylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(methylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[Acetyl(methyl)amino]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[3-(4-morpholinylcarbonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(4-Chloro-3-cyanophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(3-hydroxyphenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3-Chlorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[3-[(Acetylamino)methyl]-4-(methyloxy)phenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[4-(1-piperidinylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3-[[Cyclohexyl(methyl)amino]carbonyl]phenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(4-morpholinyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{3-[(Acetylamino)sulfonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3-Chloro-4-hydroxyphenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{4-[(methylsulfonyl)amino]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{3-[(methylamino)carbonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-[3-(trifluoromethyl)phenyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-3-pyridinyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3,4-Dichlorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[3-(Aminosulfonyl)-4-chlorophenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[3-(4-morpholinyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[4-(4-morpholinylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{2-[(4-methyl-1-piperazinyl)carbonyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[(Dimethylamino)carbonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-Chloro-4-(trifluoromethyl)phenyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[(Acetylamino)methyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2-Chlorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(3-Chloro-2-fluorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(3-fluorophenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2-Cyano-3-fluorophenyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[4-(propylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{4-[(Dimethylamino)carbonyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[4-(methylsulfonyl)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{4-[(Acetylamino)methyl]phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-3-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-(Aminosulfonyl)ethyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(2-Amino-2-oxoethyl)-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-{2-[(methylsulfonyl)amino]ethyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(tetrahydro-2H-pyran-4-yl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[3-(methylsulfonyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[3-(Aminocarbonyl)phenyl]methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(tetrahydro-2-furanylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-({4-[(dimethylamino)sulfonyl]phenyl}methyl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(5-Chloro-2-pyridinyl)methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[4-(methylsulfonyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[6-(methyloxy)-3-pyridinyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-{4-[(methylamino)carbonyl]phenyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-({3-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[4-(Aminocarbonyl)phenyl]methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[(4-hydroxyphenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[4-(methyloxy)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-[(3,4-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[4-(trifluoromethyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-({3-[(methylsulfonyl)amino]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-[(2,5-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[(4-methylphenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(2-{4-[(methylsulfonyl)amino]phenyl}ethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[(2-hydroxyphenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-[(3,4-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-[(3,5-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(2-phenylethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(1,2,3,4-tetrahydro-1-naphthalenyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[2-(methylsulfinyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[2-(4-hydroxyphenyl)ethyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[4-(Aminosulfonyl)phenyl]ethyl}-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-({2-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[2-(methylsulfonyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl 2-[(4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino)methyl]benzoate,
4-(Cyclohexylamino)-1-ethyl-N-{2-[4-(methylsulfonyl)phenyl]ethyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[4,5-Bis(methyloxy)-2,3-dihydro-1H-inden-2-yl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[2-fluoro-3-(trifluoromethyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylamino)-N-[(3,4-dimethylphenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[2-(4-fluorophenyl)ethyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[2-(4-methylphenyl)ethyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-{2-[4-(methyloxy)phenyl]ethyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(2-pyridinylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
4-(Cyclohexylamino)-N-[(3,5-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-(2,3-dihydro-1H-inden-1-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-{[4-(dimethylamino)phenyl]methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
4-(Cyclohexylamino)-1-ethyl-N-[(2-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[2,4-Bis(methyloxy)phenyl]methyl}-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(6-Chloro-2-pyridinyl)methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-{2-[Acetyl(methyl)amino]phenyl}methyl-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
4-(Cyclohexylamino)-1-ethyl-N-{[4-fluoro-3-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-[(1R)-2,3-dihydro-1H-inden-1-yl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-[(2,6-dichlorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl 3-[(4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino)methyl]benzoate,
4-(Cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl 4-[(4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino)methyl]benzoate,
4-(Cyclohexylamino)-1-ethyl-N-(1H-tetrazol-5-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-{4-[(difluoromethyl)oxy]phenyl}methyl-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[(2-methyl-1,3-thiazol-4-yl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2-Chloro-6-fluorophenyl)methyl]-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-(Aminocarbonyl)phenyl}methyl-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-{[2-(dimethylamino)phenyl]methyl}-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[(4-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-{[3-(trifluoromethyl)phenyl]methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-N-[(2,6-difluorophenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-(Cyclohexylamino)-1-ethyl-N-[(3-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[[2-(trifluoromethyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(5-Chloro-2,3-dihydro-1H-inden-2-yl)-4-(cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-({4-[(methylamino)carbonyl]phenyl}methyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-[4-(methyloxy)phenyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(cyclohexylamino)-1-ethyl-N-[(6-oxo-1,6-dihydro-3-pyridinyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-(Cyclohexylamino)-1-ethyl-N-(3-pyridinylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[[{4-(Cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl}carbonyl]amino)methyl]benzoic acid,
3-[[{4-(Cyclohexylamino)-1-ethyl-1H-pyrazolo[3,4-b]pyridin-5-yl}carbonyl]amino)methyl]benzoic acid,
4-(Cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide hydrochloride,
4-(Cyclohexylamino)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide methanesulphonate,
N-({2-[(1,1-Dimethylethyl)oxy]-3-pyridinyl}methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-[(3-Chloro-4-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(4-Chloro-2-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-({2-[(Difluoromethyl)oxy]phenyl}methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-({2-[(1-methylethyl)oxy]phenyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-({3-[(1-methylethyl)oxy]phenyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-({3-[(Difluoromethyl)oxy]phenyl}methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-({4-hydroxy-3-(methyloxy)phenyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(5-Acetyl-2-hydroxyphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-{2-[3-(trifluoromethyl)phenyl]ethyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{4-(Acetylamino)phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(3-hydroxyphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-(3-Chlorophenyl)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-(2-{4-[(trifluoromethyl)oxy]phenyl}ethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{2-[3-(methyloxy)phenyl]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-(4-Acetylphenyl)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[2-(3,4-Dichlorophenyl)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[3-(Aminosulfonyl)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[3,4-Bis(methyloxy)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-(2,3-Dichlorophenyl)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[3,5-Bis(methyloxy)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{2-[3-methyl-4-(methyloxy)phenyl]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-(2,6-Difluorophenyl)ethyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[2,6-Bis(methyloxy)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(2-methylphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,4-Dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[4,5-Bis(methyloxy)-2,3-dihydro-1H-inden-2-yl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[4-(Aminosulfonyl)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[2-(methylsulfinyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(2-phenylethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[4-(Dimethylamino)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(4-fluorophenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(4-methylphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[3-(Aminosulfonyl)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(4-methylphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[4-fluoro-3-(trifluoromethyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl 2-[(1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino)methyl]benzoate,
N-[(6-Chloro-2-pyridinyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-(2,3-Dihydro-1H-inden-1-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2-[Acetyl(methyl)amino]phenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(1S)-2,3-Dihydro-1H-inden-1-yl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(1R)-2,3-Dihydro-1H-inden-1-yl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(3-[(methylsulfonyl)amino]phenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-N-(phenylmethyl)-N-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[2-(Dimethylamino)ethyl]-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Butyl-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N,1-Diethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(1-phenyl-4-piperidiny)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-ethyl-N-{1-[(ethylamino)carbonyl]-4-piperidiny}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Formic acid - 1-ethyl-N-[1-methyl-2-(4-methyl-1-piperaziny)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide (1:1),
Methyl [4-({1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl}carbonyl)amino]-1-piperidiny]acetate,
1-Ethyl-N-{[4-(4-morpholinylmethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
1-Ethyl-N-{[3-[(4-methyl-1-piperaziny)methyl]phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-{[5-(Aminocarbonyl)-3-pyridiny]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
1-Ethyl-N-{[4-(1-methylethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[3-(Cyclopentyloxy)-4-(methyloxy)phenyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[4-[(4-methyl-1-piperaziny)methyl]phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
N-[(2,4-Dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,4-Difluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2-Chloro-4-fluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{2-[2-Chloro-3-(methyloxy)phenyl]ethyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl 3-[(1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino)methyl]benzoate,
1-Ethyl-N-{[3-(1-pyrrolidinylmethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide trifluoroacetate,
1-Ethyl-N-(2-{4-[(methylsulfonyl)amino]phenyl}ethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[2,5-Bis(methyloxy)phenyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{[2,6-Bis(methyloxy)phenyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(2-fluorophenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,5-Difluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(4-Chlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-Cyclohexyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

1-Ethyl-N-{2-[4-(methylsulfonyl)phenyl]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[2-fluoro-3-(trifluoromethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-({4-[(Cyclopropylamino)carbonyl]phenyl}methyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[4-(4-methyl-1-piperazinyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[4-(1-pyrrolidinylmethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[6-(methyloxy)-1-oxo-2,3-dihydro-1H-inden-2-yl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,5-Dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,5-Diethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,3-Difluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[2-(methylsulfonyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(3-hydroxyphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[3,5-Bis(methyloxy)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[2-(4-hydroxyphenyl)ethyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,5-Dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[2,4-Bis(methyloxy)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{[2-(methyloxy)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,4-Dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-({2-[(methylamino)carbonyl]phenyl}methyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{2-[4-(methyloxy)phenyl]ethyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2-Chlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(2-hydroxyphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(1,3-Benzodioxol-5-ylmethyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[3-(methyloxy)phenyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(Cyclohexylmethyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(1,2,3,4-tetrahydro-1-naphthalenyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Methyl 4-[(1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl)carbonyl]amino]methyl]benzoate,
N-[(3,4-Dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-{{4-(Aminocarbonyl)phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{(2,6-Difluorophenyl)methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{3-(Aminocarbonyl)phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{(4-hydroxyphenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{[6-(methyloxy)-3-pyridinyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(2-pyridinylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-{{3-(trifluoromethyl)phenyl}methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{4-(2-Amino-2-oxoethyl)phenyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{4-[(methylamino)carbonyl]phenyl}methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{4-[2-(methylamino)-2-oxoethyl]phenyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{(3-fluorophenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{4-[(methylsulfonyl)amino]phenyl}methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{4-(Aminosulfonyl)phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{2-(Aminocarbonyl)phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{4-[(Difluoromethyl)oxy]phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{3-[(Dimethylamino)methyl]phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{3-[3-Chloro-4-(methyloxy)phenyl]methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(1-Acetyl-4-piperidinyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-{{2-(trifluoromethyl)phenyl}methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-(5-Chloro-2,3-dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{3-[(Acetylamino)methyl]phenyl}methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{(4-fluorophenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{[4-fluoro-2-(trifluoromethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{(2-ethylphenyl)methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-{{[2-fluoro-5-(trifluoromethyl)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-{{(2,3,4-trifluorophenyl)methyl}-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-{{(4-Chloro-2-fluorophenyl)methyl}-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(4-Bromo-2-fluorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,5-Dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,3-Dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,3-Dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(4-Cyanophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(4-Bromophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[5-fluoro-2-(trifluoromethyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(4-iodophenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[4-(1,1-Dimethylethyl)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3-Cyanophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,6-Dichlorophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(5-Chloro-2-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(3,5-Dibromophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(4-ethylphenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[3-fluoro-4-(trifluoromethyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[(2-iodophenyl)methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2-Bromophenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[4-(hydroxymethyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[3-(hydroxymethyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[3-(hydroxymethyl)-2-methylphenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[2,3-Dichloro-6-(hydroxymethyl)phenyl]methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,4-Dichloro-6-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[4-(2-methylpropyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2,5-dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-N-[(2,4,5-trifluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[4-(2-fluoro-4-(trifluoromethyl)phenyl]methyl]-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[(2-Chloro-6-methylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

4-[[[1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl]amino)methyl]benzoic acid sodium salt,
3-[[[1-Ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridin-5-yl]carbonyl]amino)methyl]benzoic acid,
Ethyl 1-ethyl-4-[[4-(hydroxyimino)cyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
1-Ethyl-4-[[4-(hydroxyimino)cyclohexyl]amino]-N-[[4-(methyloxy)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[4-(Dimethylamino)phenyl]methyl]-1-ethyl-4-[[4-(hydroxyimino)cyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[[4-[(ethyloxy)imino]cyclohexyl]amino]-N-[[4-(methyloxy)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[[4-[(methyloxy)imino]cyclohexyl]amino]-N-[[4-(methyloxy)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[[4-[[1,1-Dimethylethyl]oxy]imino]cyclohexyl]amino]-1-ethyl-N-[[4-(methyloxy)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-[[4-(methyloxy)phenyl]methyl]-4-[[7-oxohexahydro-1H-azepin-4-yl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
Ethyl 1-ethyl-4-[[7-oxohexahydro-1H-azepin-4-yl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
4-[[cis-4-(Butylamino)cyclohexyl]amino]-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[[trans-4-Aminocyclohexyl]amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[[trans-2-Aminocyclohexyl]amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[[cis-2-Aminocyclohexyl]amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
4-[[3-Aminocyclohexyl]amino]-1-ethyl-N-(phenylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

Ethyl 1-ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxylate,
N,1-Diethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-N-(4-fluorophenyl)-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-Ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-N-(1,3-thiazol-2-ylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-ethyl-N-[(4-fluorophenyl)methyl]-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-N-[[4-(methylsulfonyl)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[3,4-bis(methyloxy)phenyl]methyl]-1-ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-N-(2-pyridinylmethyl)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-N-[(1-methyl-1H-pyrazol-4-yl)methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
N-[[3,4-dimethylphenyl]methyl]-1-ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,
1-ethyl-4-[[[(1*SR*,3*RS*)-3-hydroxycyclohexyl]amino]-N-[[4-(methyloxy)phenyl]methyl]-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

N-[(2,4-dimethylphenyl)methyl]-1-ethyl-4-[[*(1SR,3RS)*-3-hydroxycyclohexyl]amino]-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(2,3-Dichlorophenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(3-Chloro-4-methylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(4-Chloro-2-methylphenyl)methyl]-1-ethyl-4-[(4-oxocyclohexyl)amino]-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(2,4-Dimethylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(3,4-Dimethylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(2,3-Dichlorophenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(3-Chloro-4-methylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-[(4-Chloro-2-methylphenyl)methyl]-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide,
N-({4-[(Difluoromethyl)oxy]phenyl)methyl}-1-ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide, or
1-Ethyl-4-{[4-(hydroxyimino)cyclohexyl]amino}-*N*-{[4-(trifluoromethyl)phenyl]methyl}-1*H*-pyrazolo[3,4-*b*]pyridine-5-carboxamide;

or a salt thereof.

50. A compound or salt as claimed in claim 1, which is a compound of Example 260, 261, 263, 266, 431, 493, 494, 518, 528, 584, 626, 643, 653, 679, 680, 681, 682, 683, 684, 685 or 686, as defined by the structures and/or names described herein, or a salt thereof.

51. A compound or salt as claimed in claim 1, which is a compound of Example 21, 22, 83, 100, 109, 167, 172, 178 or 600, as defined by the structures and/or names described herein, or a salt thereof.

52. A compound or salt as claimed any preceding claim, which is the compound or a pharmaceutically acceptable salt thereof.

53. A compound or salt as claimed in any preceding claim, which is in a particle-size-reduced form.

54. A compound or salt as claimed in claim 53, wherein the particle size (D50 value) of the size-reduced compound or salt is about 0.5 to about 10 microns.

55. A compound or salt as claimed in any preceding claim, for use as an active therapeutic substance in a mammal such as a human.

56. A pharmaceutical composition comprising a compound of formula (I) or (IA) or (IB), as defined in any of claims 1 to 54, or a pharmaceutically acceptable salt thereof, and one or more pharmaceutically acceptable carriers and/or excipients.
57. A pharmaceutical composition as claimed in claim 56 which is suitable for and/or adapted for inhaled administration.
58. A pharmaceutical composition as claimed in claim 57, in which the compound or salt is in a particle-size-reduced form.
59. A pharmaceutical composition as claimed in claim 58, wherein the particle size (D50 value) of the size-reduced compound or salt is about 0.5 to about 10 microns.
60. A composition as claimed in claim 56, for the treatment and/or prophylaxis of an inflammatory and/or allergic disease or cognitive impairment in a mammal such as a human.
61. The use of a compound of formula (I) or (IA) or (IB), as defined in any of claims 1 to 54, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment and/or prophylaxis of an inflammatory and/or allergic disease or cognitive impairment in a mammal such as a human.
62. A method of treatment and/or prophylaxis of an inflammatory and/or allergic disease or cognitive impairment in a mammal such as a human in need thereof, which method comprises administering to the mammal a therapeutically effective amount of a compound of formula (I), as defined in any of claims 1 to 49, or a pharmaceutically acceptable salt thereof.
63. A composition, the use or a method as claimed in claim 60, 61 or 62, wherein the composition or medicament or method is for the treatment and/or prophylaxis of chronic obstructive pulmonary disease (COPD), asthma, rheumatoid arthritis or allergic rhinitis in a mammal such as a human.
64. A composition, the use or a method as claimed in claim 60, 61 or 62, wherein the composition or medicament or method is for the treatment and/or prophylaxis of chronic obstructive pulmonary disease (COPD) in a mammal such as a human.
65. A composition, the use or a method as claimed in claim 60, 61 or 62, wherein the composition or medicament or method is for the treatment and/or prophylaxis of asthma in a mammal such as a human.
66. A composition, the use or a method as claimed in any of claims 60 to 65, wherein the composition or medicament is for oral administration and is a pharmaceutical composition as defined in claim 56, or wherein the method comprises oral administration to the mammal of a pharmaceutical composition suitable for oral administration and as defined in claim 56.

67. A composition, the use or a method as claimed in claim 64 or 65, wherein the composition or medicament is for inhaled administration and is a pharmaceutical composition as defined in claim 57, 58 or 59, or wherein the method comprises inhaled administration to the mammal of a pharmaceutical composition as defined in claim 57, 58 or 59.

68. A combination comprising a compound of formula (I), as defined in any of claims 1 to 54, or a pharmaceutically acceptable salt thereof, together with a β_2 -adrenoreceptor agonist, an anti-histamine, an anti-allergic, or an anti-inflammatory agent.

69. A combination as claimed in claim 68, comprising the compound of formula (I) or the pharmaceutically acceptable salt thereof, together with a β_2 -adrenoreceptor agonist.

70. A combination comprising a compound of formula (I), as defined in any of claims 1 to 54, or a pharmaceutically acceptable salt thereof, together with a muscarinic (M) receptor antagonist.

71. A combination as claimed in claim 70, wherein the muscarinic (M) receptor antagonist is a M_3 receptor antagonist.

72. A pharmaceutical composition comprising a combination as defined in any of claims 68 to 71, together with one or more pharmaceutically acceptable carriers and/or excipients, the composition being a separate or combined pharmaceutical composition for administration of the individual compounds of the combination either sequentially or simultaneously.

73. A pharmaceutical composition as claimed in claim 72 for inhaled administration, and wherein the combination is as defined in claim 69, 70 or 71.

74. A combination or pharmaceutical composition as claimed in any of claims 68 to 73, for the treatment and/or prophylaxis of chronic obstructive pulmonary disease (COPD) in a mammal such as a human.